

FIG. 1

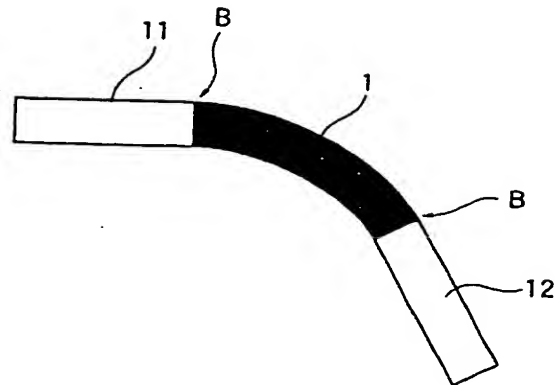


FIG. 2

(Prior Art)

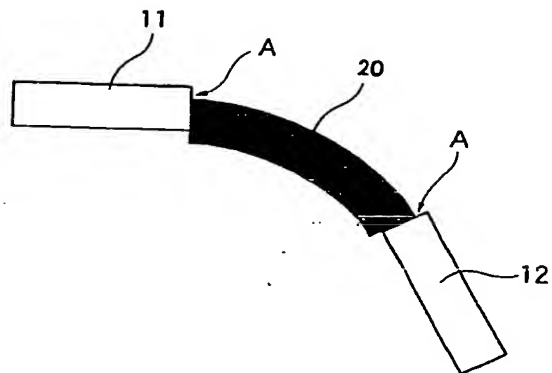


FIG. 3

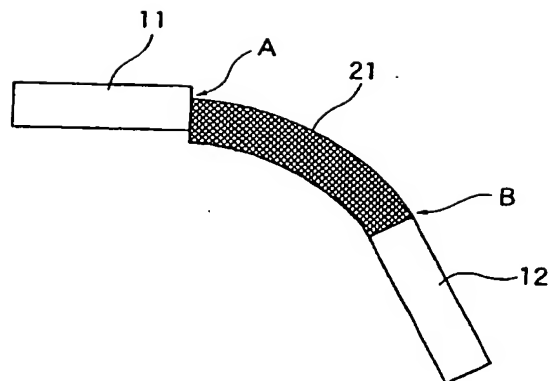


FIG. 4

LEFT END (INLET) FORMS ANGLE OF  $\theta$  RELATIVE TO Z-AXIS.

RIGHT END (OUTLET) FORMS ANGLE OF  $-\theta$  RELATIVE TO Z-AXIS.

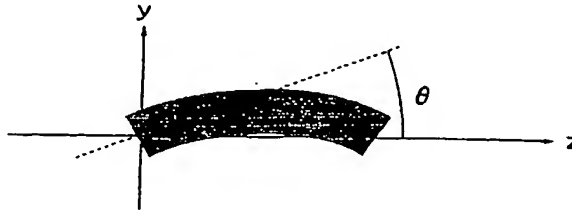


FIG. 5

LEFT END (INLET) IS PARALLEL WITH Z-AXIS.

RIGHT END (OUTLET) FORMS ANGLE OF  $\theta$  RELATIVE TO Z-AXIS.

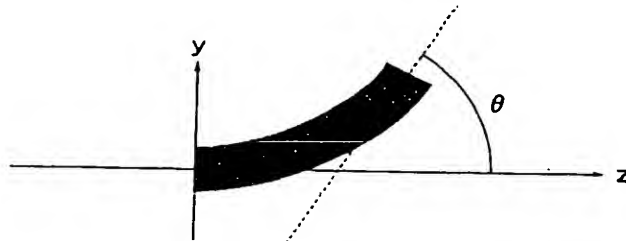


FIG. 6

LEFT END (INLET) FORMS ANGLE OF  $\theta_1$  RELATIVE TO Z-AXIS.

RIGHT END (OUTLET) FORMS ANGLE OF  $\theta_2$  RELATIVE TO Z-AXIS.

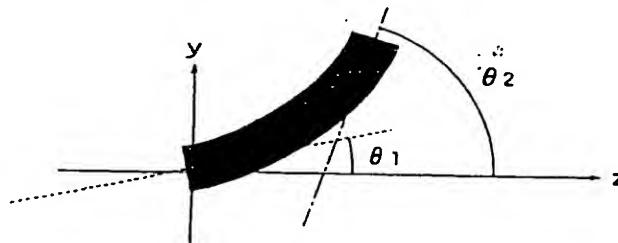


FIG. 7

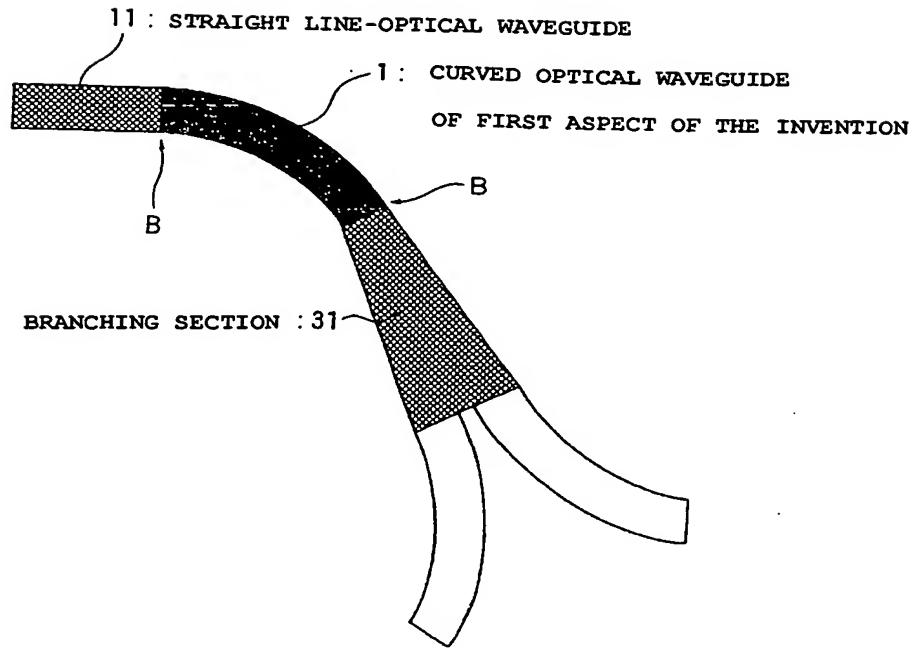


FIG. 8

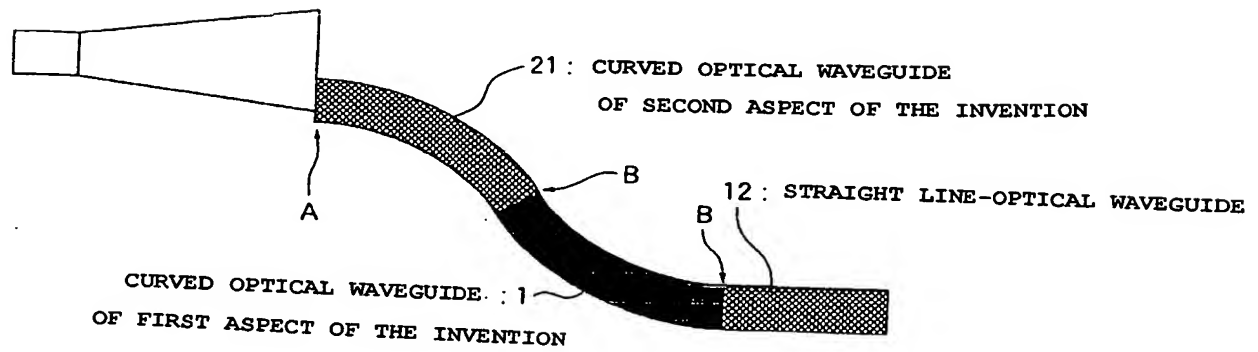


FIG. 9

CONNECTION WITH MULTI-MODE OPTICAL WAVEGUIDE

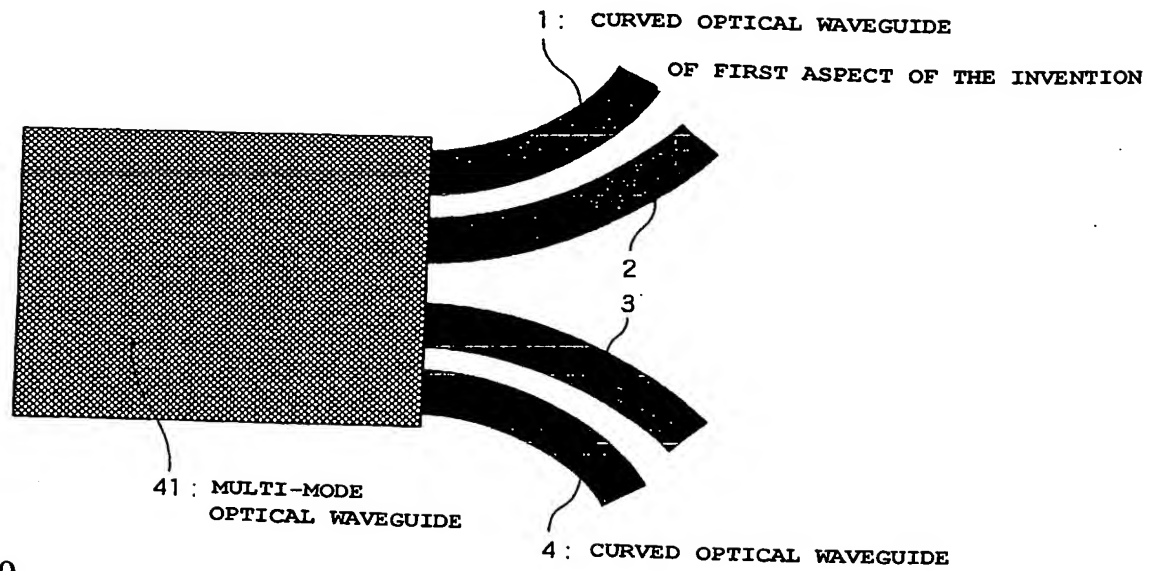


FIG. 10

CONNECTION WITH OPTICAL FIBER

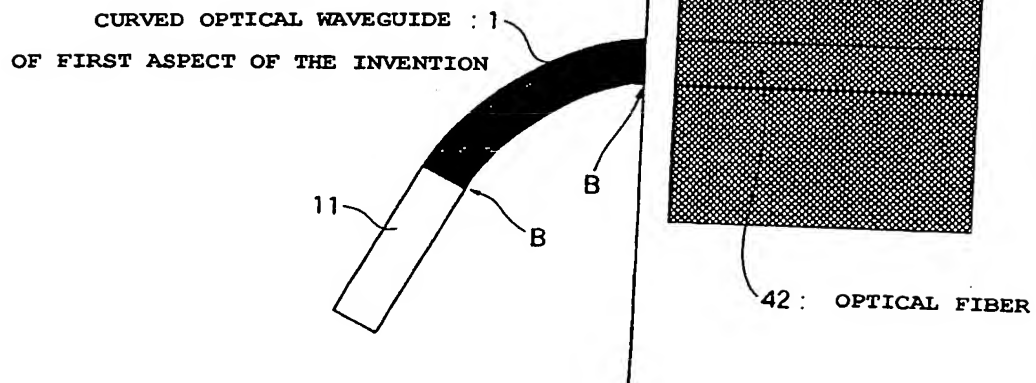


FIG. 11

CONNECTION WITH GUIDE GROOVE FOR INSTALLING OPTICAL FIBER

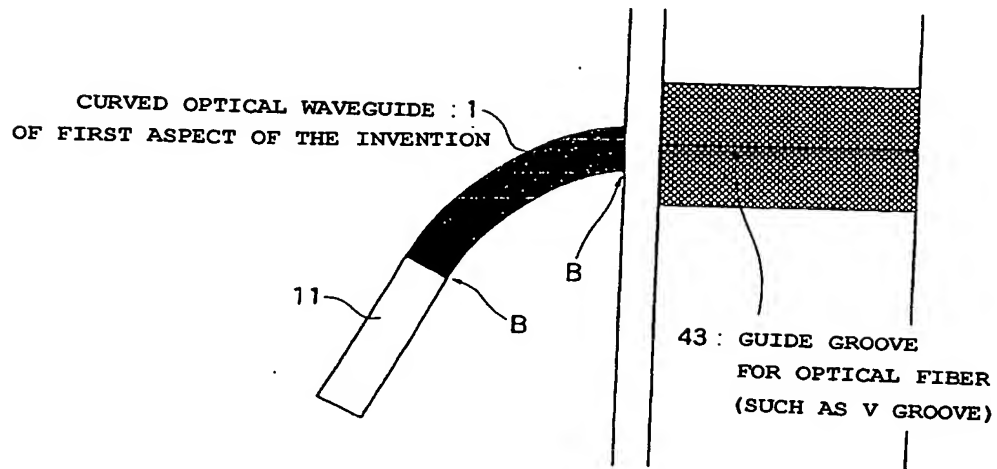


FIG. 12

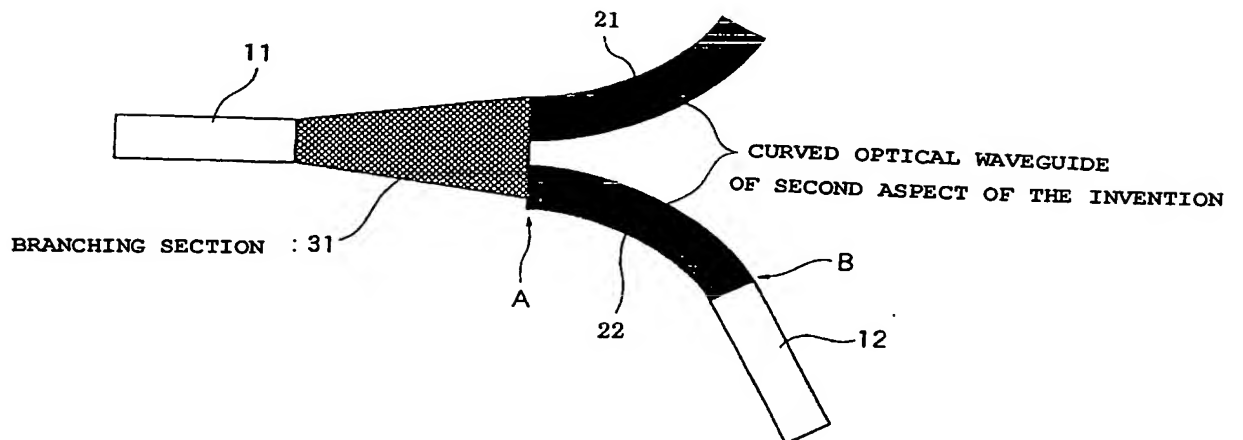


FIG. 13

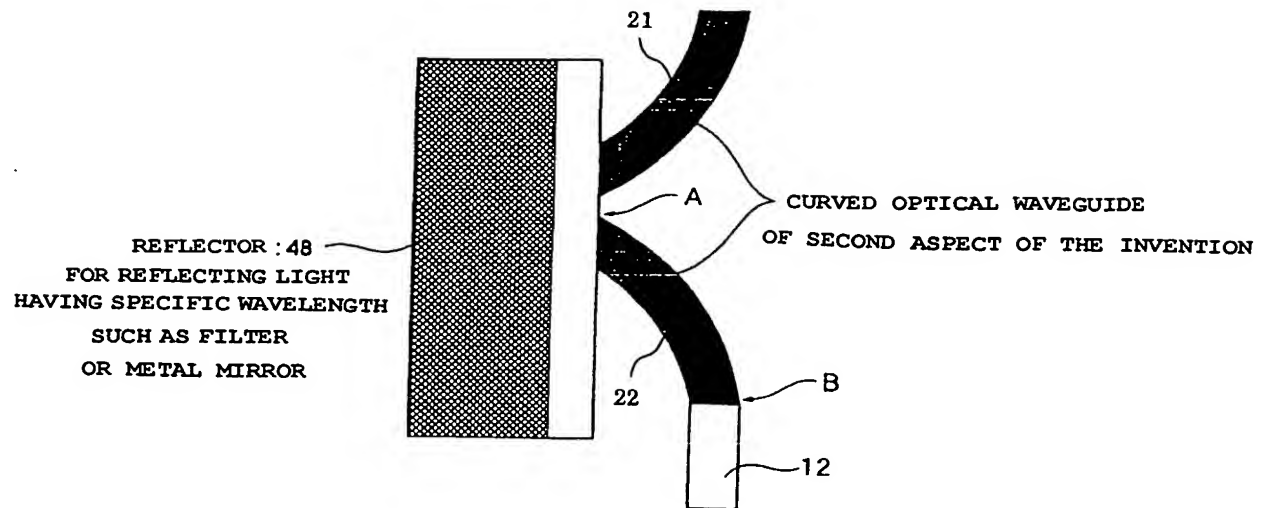


FIG. 14

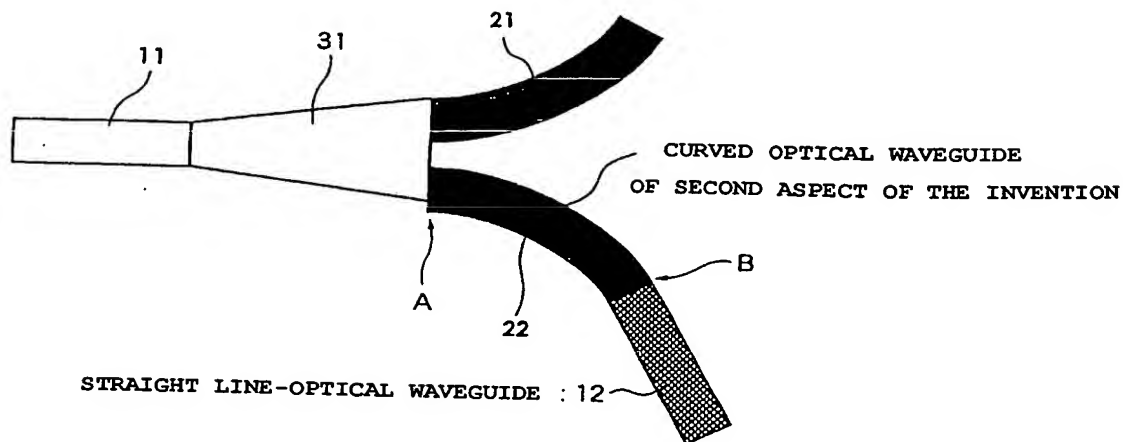


FIG. 15

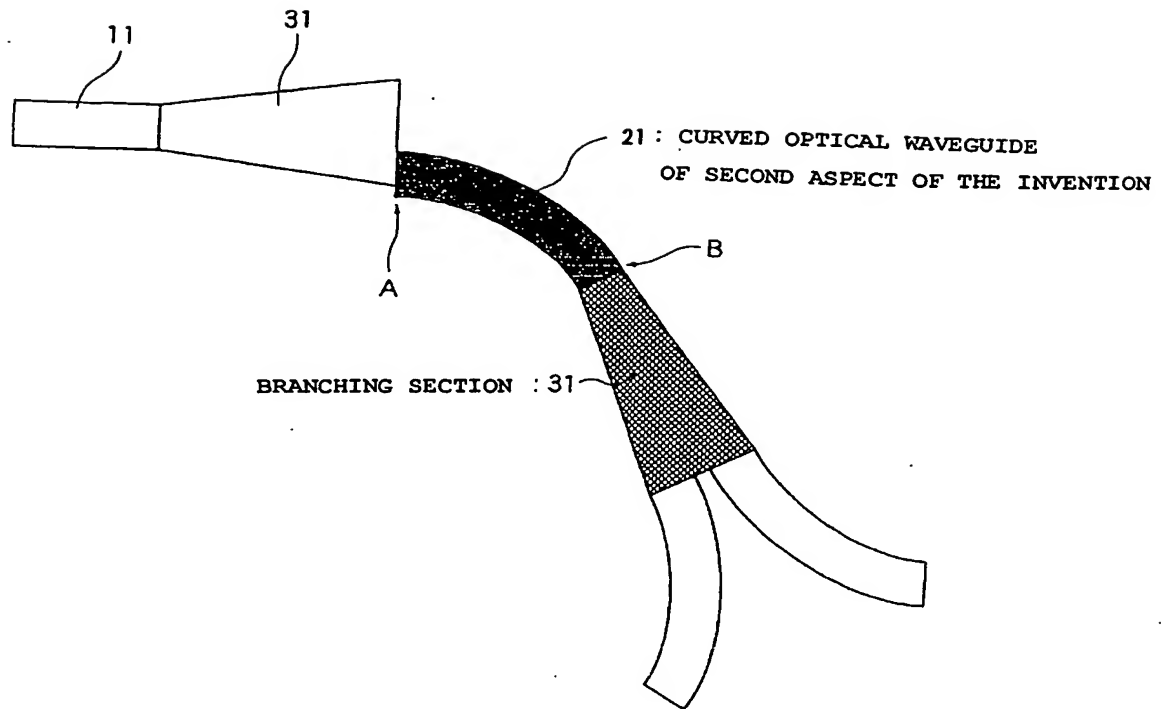


FIG. 16

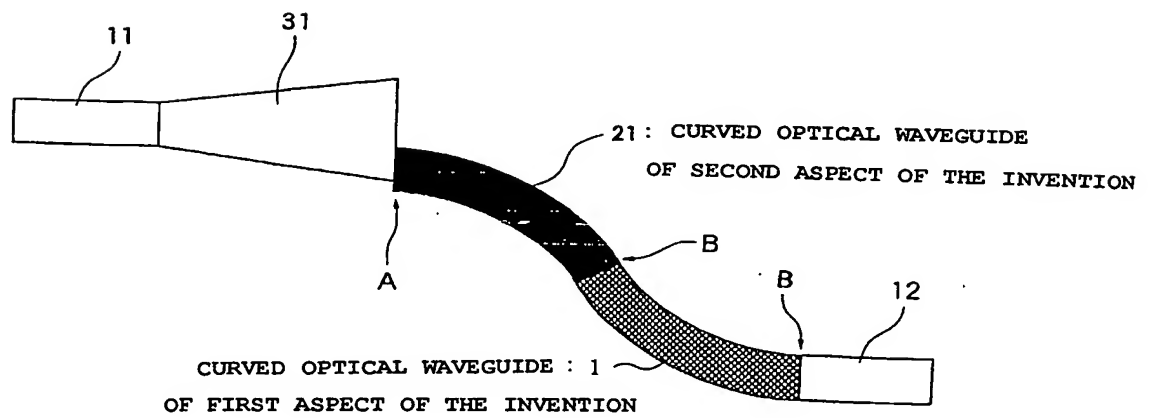


FIG. 17

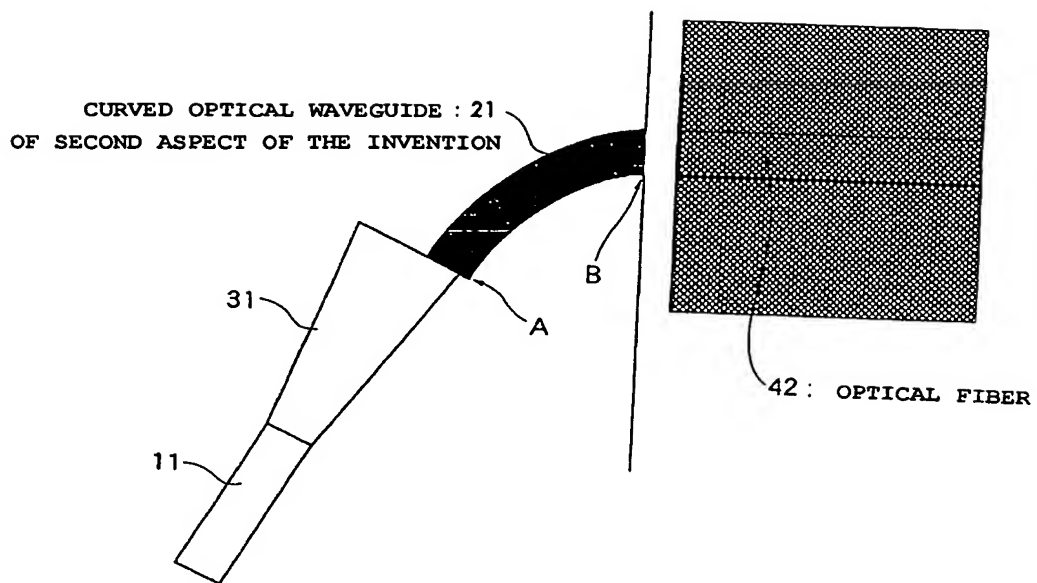


FIG. 18

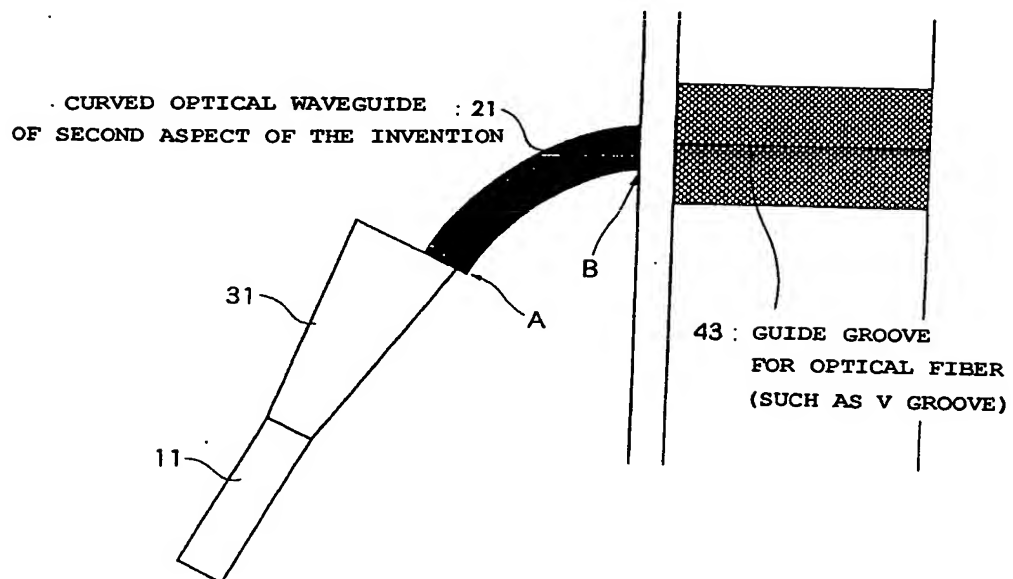




FIG. 19

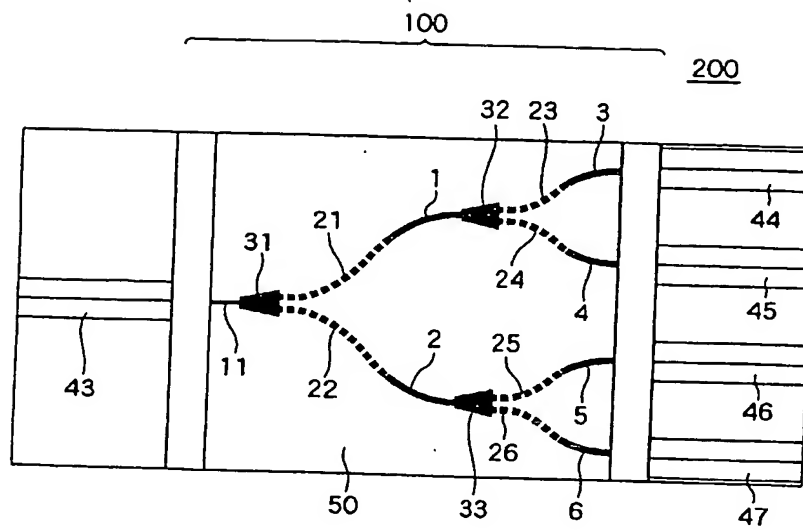


FIG. 20

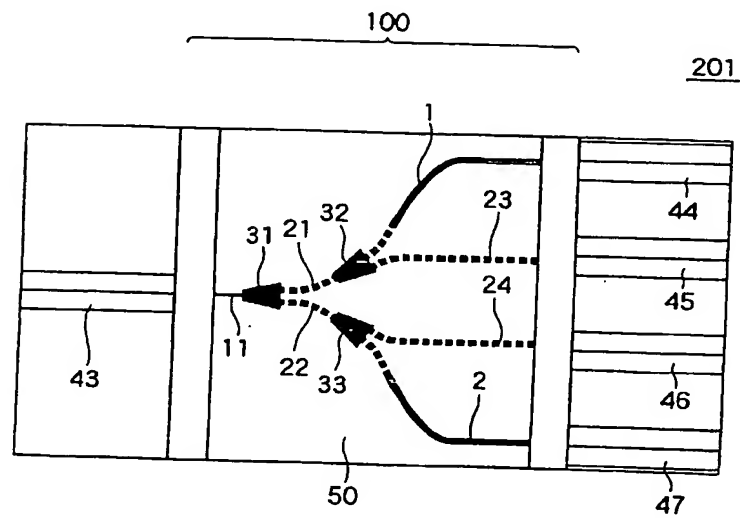


FIG. 21

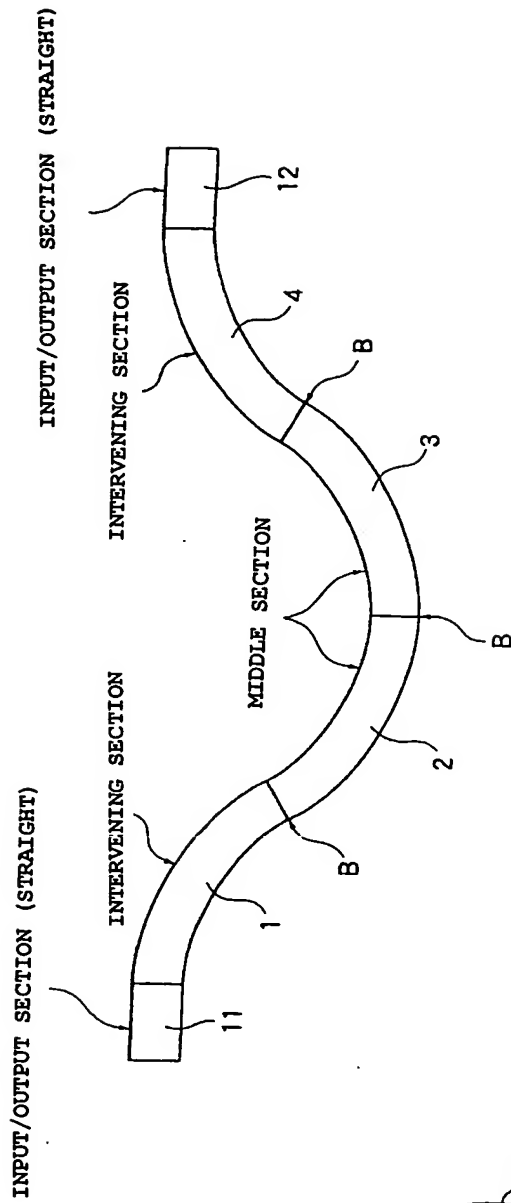


FIG. 22

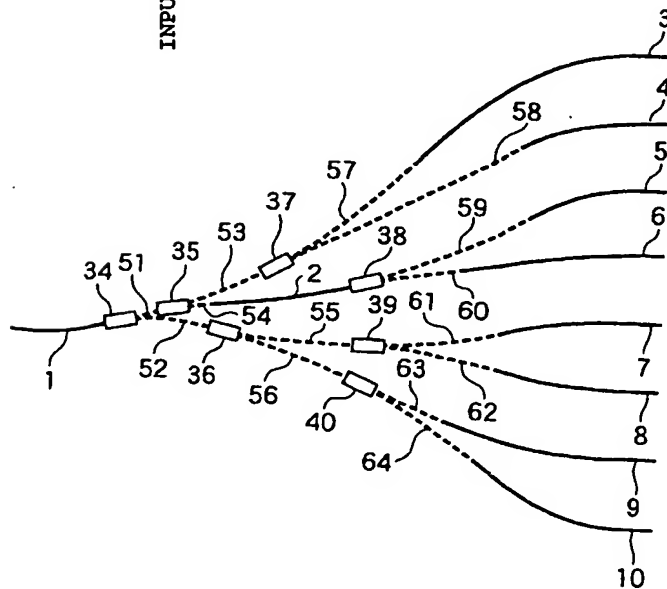


FIG. 23

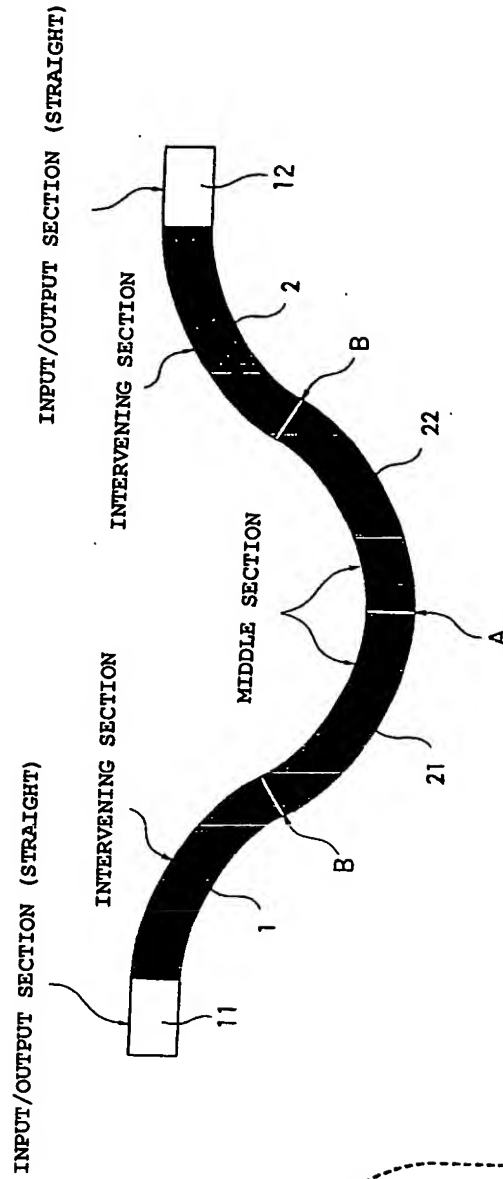


FIG. 24

